

PRODUCT: BioSafe90™

SDS No: BIO90

SECTION 1: GENERAL INFORMATION

COMPANY NAME BioSafe90™
Address 6115 Skyline Drive
City: Houston, State: Texas
Zip: 77057

Telephone 713-856-9800
In case of emergency call chemtrec: 1-800-424-9300
Outside of U.S.A.: 001-703-527-3887
Date: 07/01/2020

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).

Signal Word: **Warning**

GHS - Classification

Eye Damage/Irritation (Category 2B)

Hazard Statement(s)

H320 Causes eye irritation

Precautionary Statement(s)

P264 Wash hands after handling.

P280 Wear protective gloves/eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention

P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT

CAS#

PERCENTAGE

3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride

27668-52-6

<3.0%

SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

SECTION 4 : FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF NEEDED, SEEK MEDICAL ATTENTION.**SKIN:** WASH EXPOSED AREAS WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.**INGESTION:** MAY CAUSE IRRITATION TO GASTROINTESTINAL TRACT. MAY CAUSE NAUSEA, VOMITING AND DIARRHEA. IF SWALLOWED, DO NOT INDUCE VOMITING AND SEEK MEDICAL ATTENTION.**INHALATION:** IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 5 : FIRE FIGHTING MEASURES

FLASH POINT: N/A**EXTINGUISHING METHOD:** WATER MIST FOAM DRY POWDER CO2.**SPECIAL FIRE FIGHTING PROCEDURES:** USE SELF-CONTAINED BREATHING APPARATUS. PERSONAL PROTECTION CLOTHING SHOULD BE WORN BY FIRE FIGHTERS INVOLVED IN CHEMICAL FIRES. **UNUSUAL FIRE FIGHTING PROCEDURES:** NONE KNOWN.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: AVOID ANY UNCONTROLLED RELEASE OF MATERIAL.**SPILLS/LEAKS:** WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED. UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND EQUIPMENT.

SECTION 7 : HANDLING AND STORAGE

HANDLING AND STORAGE: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND PROMPT REMOVAL OF MATERIAL FROM EYES SKIN AND CLOTHING.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION

Safety Data Sheet

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SYMPTOMS OR HEALTH HAZARDS

EYES: MAY CAUSE EYE IRRITATION.

SKIN: MAY CAUSE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.

INHALATION: MAY CAUSE IRRITATION OF MUCOUS MEMBRANES.

RESPIRATORY PROTECTION: IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION: USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT: GLOVES, GOGGLES

WORK/ HYGIENIC PRACTICES: AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

EXPOSURE LIMITS

Octadecylaminodimethyltrimethoxysilylpropylammonium chloride

LIMITS

N.D.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

PH:	4.0-6.0 AS IS	Evaporation Rate:	NO DATA
SOLUBILITY:	SOLUBLE IN WATER	Vapor Pressure:	NO DATA
SPECIFIC GRAVITY:	0.975-1.025	Vapor Density:	NO DATA
APPEARANCE:	CLEAR COLORLESS LIQUID	Auto Ignition Temperature:	NA
Bod:	NO DATA	LEL:	NA
Cod:	NO DATA	UEL:	NA
Odor:	MILD	VOC:	NO DATA
Odor Threshold:	NO DATA	FlashPoint:	>200F
MeltingPoint:	NO DATA	BoilingPoint:	NO DATA

SECTION 10 : STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN

CONDITIONS AND MATERIALS TO AVOID: STRONG OXIDIZING AGENTS AND ANIONIC SURFACTANTS

SECTION 11 : TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NO DATA

Chronic Toxicity: NO DATA

Carcinogenicity: NONE

Target Organ Effects: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: NO DATA

Persistence Degradability: NO DATA

Bioaccumulation: NO DATA

Mobility: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 13 : DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

SECTION 14 : TRANSPORT INFORMATION

TRANSPORTATION: NOT REGULATED BY D.O.T. NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATION

SECTION 15 : REGULATORY DATA

TITLE III-SARA: THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.

CALIFORNIA PROPOSITION 65: CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

Listed on the following inventories: TSCA

SECTION 16 : OTHER INFORMATION

Large Spill: NA

Fire: NA

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Other Info:

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS